

ABSTRACT OF THE DISCLOSURE

A supporting structure of a vehicle power source consists of a plurality of mount members with elasticity through which a power source is mounted on a vehicle body; first mount members for primarily sharing the weight of the power source and at least one of the first mount members, which is supported by the vehicle body at a first height lower than the height of gravity center of the power source, is attached to a sub-frame; and second mount members for secondarily sharing the weight of the power source and the second mount members, which have a spring effect in at least one of longitudinal and lateral directions of the vehicle body, are attached to the vehicle body at a second height higher than the gravity center of the power source. In the supporting structure, the height of elasticity center of the structure defined by the first and second mount members is set to be higher than the gravity center of the power source.